MEGALITE

IDOL-LITE P24

USER MANUAL

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Check that the unit has not been damaged during transport

Read all cautions and warnings prior to operation of this equipment

Protection Against Fire

Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
3. Replace fuse only with the specified type and rating.
4. Do Not install the unit to close to a heat source.
5. Make sure cable are properly secured
6. Maximum surface operating temperature 140º.

Protection Against Fire

Electrical

1. Disconnect power before servicing.
2. For connection to main power supply proceed to page 5.
3. This unit must be earthed. (electronically grounded)

Protection Against Mechanical Hazards

Mechanical

1. Use safety chain when hanging unit.
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical shock.

Technical Information

Part Numbers

4260– Idol Lite P24

Mechanical Specifications

DMX Connectors: Neutrik 3 pin XLR NC3FX-HD IP 65 connectors in and out

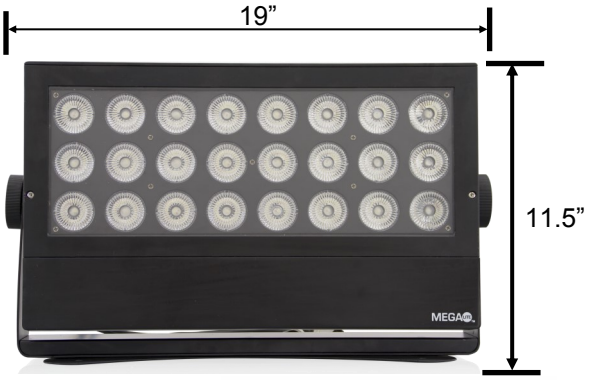
Thermal: Maximum ambient temperature 104°
Maximum surface temperature 140°

Fastening System: Single Mounting Yoke, Base Plate, Dual Quick Re lease mount (included)

Display: Digital

Power connection: Neutrik True power in & out connection

Fixture	Packaging
Size: 19” x 11.5” x 4.5 Weight: 23lb	Size: 24.25” x 14” x 6” Weight: 25lb



Electrical Specifications

LED Quantity: 24 Penta LED Red, Green, Blue, White, Amber
LED Watts: 12W

LED Lifetime: 40 to 80 thousand hours average

LED Angle: 26°

Refresh Rate: 1200 Hz

Power Input Voltage: 110V-240 50/60 Hz

Ballast: Electronic auto switching

Power Consumption: Watts: 175
Amps: 1.45

Control & Programming

DMX 512 Protocol

DMX Modes:

Mode 3 Channels	R,G,B
Mode 5 Channels	R,G,B,W,A
Mode 8 Channels	Dimmer R,G,B,W,A, Strobe, Macro

Control Options: Display preset setting

Main Power Connection

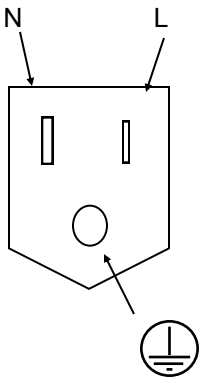
Caution!

1. Do not connect fixture to a dimmer system.
2. This unit has Auto switching power supply. It will respond to 110V or 220V automatically
3. This unit must be earthed. (electronically grounded)
4. Replace fuse only with the specified type and rating.

The occupation of the connection-cable is as follows:

This fixture is equipped with an electronic power supply that will let the unit operate from 100V to 240V from 50Hz to 60Hz

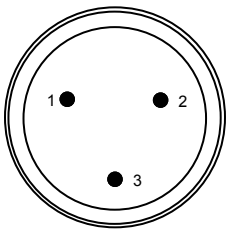
Cable (USA)	Cable (EU)	Pin	110V	220V
Black	Brown	Live	L	L
White	Light Blue	Neutral	N	L
Green	Yellow/Green	Ground	⏚	⏚



DMX-512 Connection

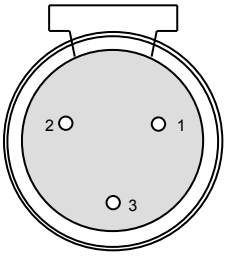
The fixture is equipped with 3 pin XLR Sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX—input



1. Shield
2. Signal (-)
3. Signal (+)

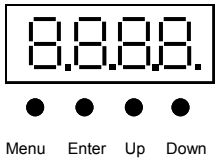
DMX—output



Caution!
At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 pin XLR plug and plug it in to the last fixture on the signal run. Pre-manufactured terminator plugs are available for purchase from your Mega-Lite dealer (P-DMX-T).

Display Menu

The control board on the fixture base is your interface to access and control all the functions on the unit. Its digital display gives you a code view of the options and functions. The following will explain each function and its options.



Address 001	To Set the DMX Start Channel press the ▲ then press **Enter.** Use the ▲ **or** ▼ to select the desired DMX Start Channel and press **Enter** to confirm your setting.
Work Mod DMX 512	**DMX 512=** This mode will allow you to operate the fixture with a DMX controller **Master=** This Function Allows you to run the Auto Programs Or Audio Programs and send DMX signal out to the Slave units **Slave=** On Slave Mode the fixture will copy the functions on the Master unit To Set the Desired operational mode press **Enter.** Use the ▲ **or** ▼ to select the desired mode and press **Enter** to confirm your setting.
Chan Mod 5CH	To set the desired operational channel mode press **Enter.** Use the ▲ **or** ▼ to select the desired DMX profile operational mode from 3,5 or 8 and press **Enter** to confirm your setting. Note: Operational mode are located on Page of the manual.
Dimmer Mode	This function will give you access to the LED Dimming curves. Press **Enter.** Use the ▲ **or** ▼ to select the LED dimming operational curve from 0 that will not have a dimming time to 3 that will have the longest dimming time, press **Enter** to confirm your setting.
Auto	This function will give you access to the Preprogramed Chases Press **Enter.** Use the ▲ **or** ▼ to select the programed chase, press **Enter** to confirm your setting. Use the ▲ **or** ▼ to select the desired speed of the Chase from 1 to 15 press **Enter** to confirm your setting

Dimmer Mode

This function will give you access to the LED Dimming curves. Press **Enter.** Use the ▲ **or** ▼ to select the LED dimming operational curve from 0 that will not have a dimming time to 3 that will have the longest dimming time, press **Enter** to confirm your setting.

Color Set

This function will give you access to set a color via display. Press **Enter.** Use the ▲ **or** ▼ to select the desired color. Press **Enter** use the ▲ **or** ▼ to select intensity from 0 to 255. You can repeat this process to get any color combination. (Note) once color is set you can power up and the last color set will automatically come on.

Red
000

White
000

Green
000

Amber
000

Blue
000

Dimmer Mode

This function will give you access to the LED Dimming curves. Press **Enter.** Use the ▲ **or** ▼ to select the LED dimming operational curve from 0 that will not have a dimming time to 3 that will have the longest dimming time, press **Enter** to confirm your setting.

Tools

Display Mode

This function will give you access to the Display Control press **Enter.** Use the ▲ **or** ▼ to select the desired display operational Mode from **Display On** that will leave the display always turned on. Or **Display Auto** that will make the display turn off after no usage for 1 60 seconds., press **Enter** to confirm your setting.

Time

This function will give you information of how long the fixture has been turned on.

Temp

This function gives you information of the fixtures current temperature

Key Mode

This function will give you access to lock the menu keys so they are not accidently moved. Press **Enter.** Use the ▲ **or** ▼ to select the desired Key settings from **Lock** Or **Unlock** press **Enter** to confirm your setting. You will have to hold the Enter button for 3 seconds, to unlock the keys.

DMX Status

Value Hold

If DMX signal is lost. The Fixture will hold the last DMX value sent.

Value Clear

If DMX signal is lost. The fixture will bring dimmer channels to zero.

Idol-Lite P24 3 Channel Mode

DMX Chanel	Function	Description	Value
1	LED Color	Red LED intensity	0-255
2	LED Color	Green LED Intensity	0-255
3	LED Color	Blue LED Intensity	0-255

Idol-Lite P24 5 Channel Mode

DMX Chanel	Function	Description	Value
1	LED Color	Red LED intensity	0-255
2	LED Color	Green LED Intensity	0-255
3	LED Color	Blue LED Intensity	0-255
4	LED Color	White LED Intensity	0-255
5	LED Color	Amber LED Intensity	0-255

Idol-Lite P24 8 Channel Mode

DMX Chanel	Function	Description	Value
1	Dimmer	Dimmer Off to Full	0-255
2	LED Color	Red LED Intensity	0-255
3	LED Color	Green LED Intensity	0-255
4	LED Color	Blue LED Intensity	0-255
5	LED Color	White LED Intensity	0-255
6	LED Color	Amber LED Intensity	0-255
7	Strobe	Strobe (slow to fast)	0-127
		Random Strobe (slow to fast)	128-255
8	Macro	No Function	0-31
		Pulse Off to On	32-63
		Pulse On to Off	64-95
		Fade In/Out	96-127
		Color Fade (slow to fast)	128159
		Each Color Fade (slow to fast)	160-191
		Color Snap (slow to fast)	192-224
		White	225-255

Rigging the fixture

Caution!
1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injures if you have doubts concerning the safety do not install.
3. Unit is to be 24inches away from flammable materials (decoration material)
4. Use high quality installation equipment to hang unit.

When rigging a unit it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

When rigging the unit always be secured with a secondary safety attachment. The installation location of the fixture has got to be built in the way that it can hold 10 times the weight for 1 hour with out any harming. Installation should be checked at least one time a year by a skilled person.

Cleaning and Maintenance

Installation M**aintenance:** The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every year.

The following points have to be considered during the inspection:
1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
3) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

Note: There is no serviceable parts inside the device except for the LED's. Maintenance and service operations are to be carried out by authorized dealers.

Replacing the fuse: Only replace the fuse with the same type and rating.

Replacing the power cable: If the power cable of this device becomes damaged, it has to be replaced by authorized dealers or trained professional only.

Should you have further questions , please contact your dealer.

Parts List

4260-LED	Replacement LED
4260-MPCB	Main PCB card
4260-PS	Power Supply
4260-DIS	Display
4260-QR	Quick Release Mount (2 included)
4260-FG	Frontal Glass
4260-KN	Knob Set
NEU-NAC3PX	Panel Mount Power Connector

Accessory

4260-FB	Removable Floor Base

Warranty Information

Warranty Conditions
-Unless otherwise stated in writing, your product is covered by a one year parts and labor limited warranty.

-LEDs are not guaranteed to match in color temperature or output.

-It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and reseller or distributor. If purchase date cannot be provided, date of manufacture will be used to determine warranty period.

-Goods returned under warranty must follow the proper authorization procedure and must be accompanied by a copy of the original invoice and Return Authorization Number given by MSI.

-Goods repaired under warranty will be returned to the owner with the freight prepaid by MSI via the most economical means of shipment.

-Repair or replacement as provided for under this warranty is the exclusive remedy of the consumer. MEGA SYSTEMS INC. makes no warranties, express or implied, with respect to any product, and Mega Systems specifically disclaims any warranty of merchantability or fitness for a particular purpose. Mega Systems shall not be liable for any indirect, incidental or consequential damage, including lost profit, sustained or incurred in connection with any product or caused by product defect or the partial or total failure of any product regardless of the form of action, weather in contract, tort (including negligence), strict liability or otherwise, and weather or not such damage was foreseen or unforeseen.

- Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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